

# BLDC 40P30A 27.1.0475

# Brushless 3-Phase DC Motor



Rated Voltage	<b>12</b>	<b>24</b>	V
No Load Speed	<b>2.090</b>	<b>4.190</b>	rpm
Rated Speed	<b>1.500</b>	<b>3.250</b>	rpm
Cont. Power		<b>29</b>	W
Rated Torque		<b>86</b>	mNm
Cont. Stall Torque			
Current at rated Speed		<b>1,5</b>	A
Torque Constant	<b>53</b>	<b>53</b>	mNm/A
Efficiency at Duty Point		<b>82</b>	%
Weight		<b>0,35</b>	kg
Rotor Inertia		<b>37</b>	gcm <sup>2</sup>
Number of Poles		<b>8</b>	
Oper. Temp. Range		<b>-20 / + 45</b>	°C
Max. Temp. Rise		<b>70 K</b>	@ +45°C

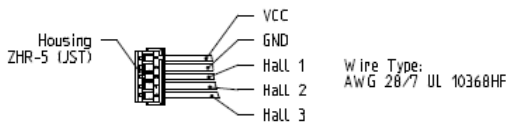
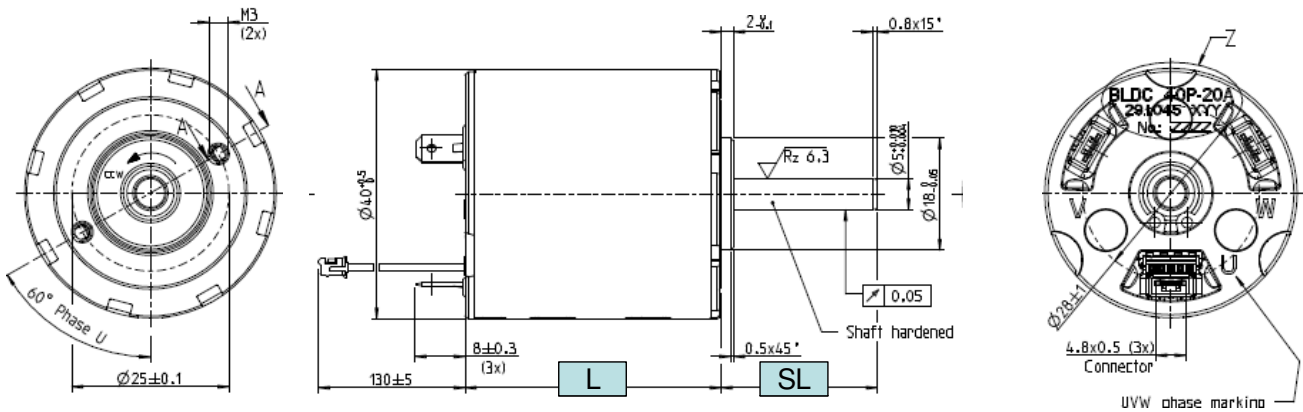
## Features

- High power-to-volume ratio
- High efficiency at duty point
- High reliability

## Typical Applications

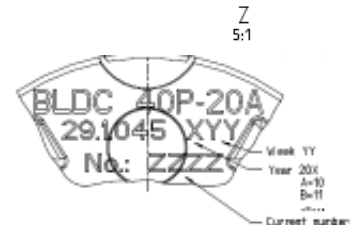
- Pump drives
- Factory Automation
- Office Automation

Motor Code: 121088800075



Hall-Sensor-Connector

Model	Motor length "L" / mm	Shaft length "SL" / mm
BLDC40x10A	31	20
BLDC40x20A	41	25
BLDC40x30A	51	25
BLDC40x40A	61	25
BLDC40x20F	48	25
BLDC40x30F	58	25



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